

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: MURCHISON OIL & GAS, INC. 1100 MIRA VISTA BLVD. PLANO, TX. 75093-4698		OGRID Number 015363
Property Code 28767	Property Name BRININSTOOL "4" STATE	API Number 30-025-35677
		Well No. #2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24S	33E		660	SOUTH	1890	WEST	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 Johnson Ranch; Wolfcamp	Proposed Pool 2
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Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3612
Multiple N	Proposed Depth 13700	Formation WOLFCAMP	Contractor	Spud Date SEPT. 1, 2001

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	68	800	800	SURFACE
12-1/4"	9-5/8"	47	5260	1780	SURFACE
8-1/2"	7	29	12600	1375	4750
6	3-1/2" or 4-1/2"	12.95 or 15.1	13700	220	12300

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

DRILL, CASE AND COMPLETE WELL IN WOLFCAMP FORMATION

BOP'S INCLUDE: 1) HYDRILL DOUBLE RAM 11" X 5000 PSI

2) CHOKE MANIFOLD 4" X 5000 PSI FLANGED CONNECTION

3) SIX STATION ACCUMULATOR CLOSING UNIT W/ REMOTE CONTROL

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

MICHAEL S. DAUGHERTY

Title:

VICE PRESIDENT OPERATIONS

Date:

8/24/01

Phone:

(972)

931-0700

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

AUG 28 2001

Expiration Date:

Conditions of Approval:

Attached ☐

State of New Mexico

Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35677	Pool Code 79335	Pool Name Johnson Ranch; Wolfcamp
Property Code 28767	Property Name BRININSTOOL "4" STATE	Well Number 2
GRID No. 015363	Operator Name MURCHISON OIL & GAS, INC.	Elevation 3612'

Surface Location

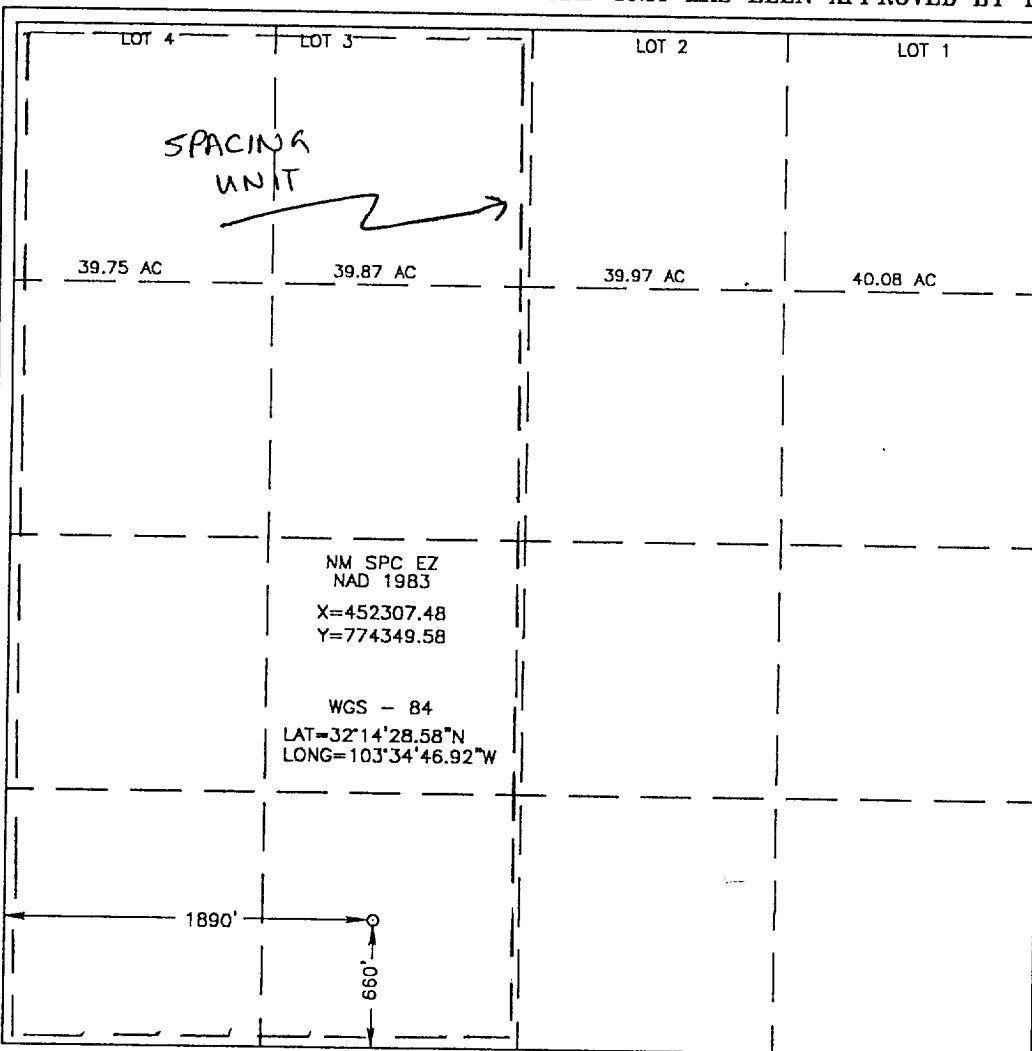
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24-S	33-E		660	SOUTH	1890	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

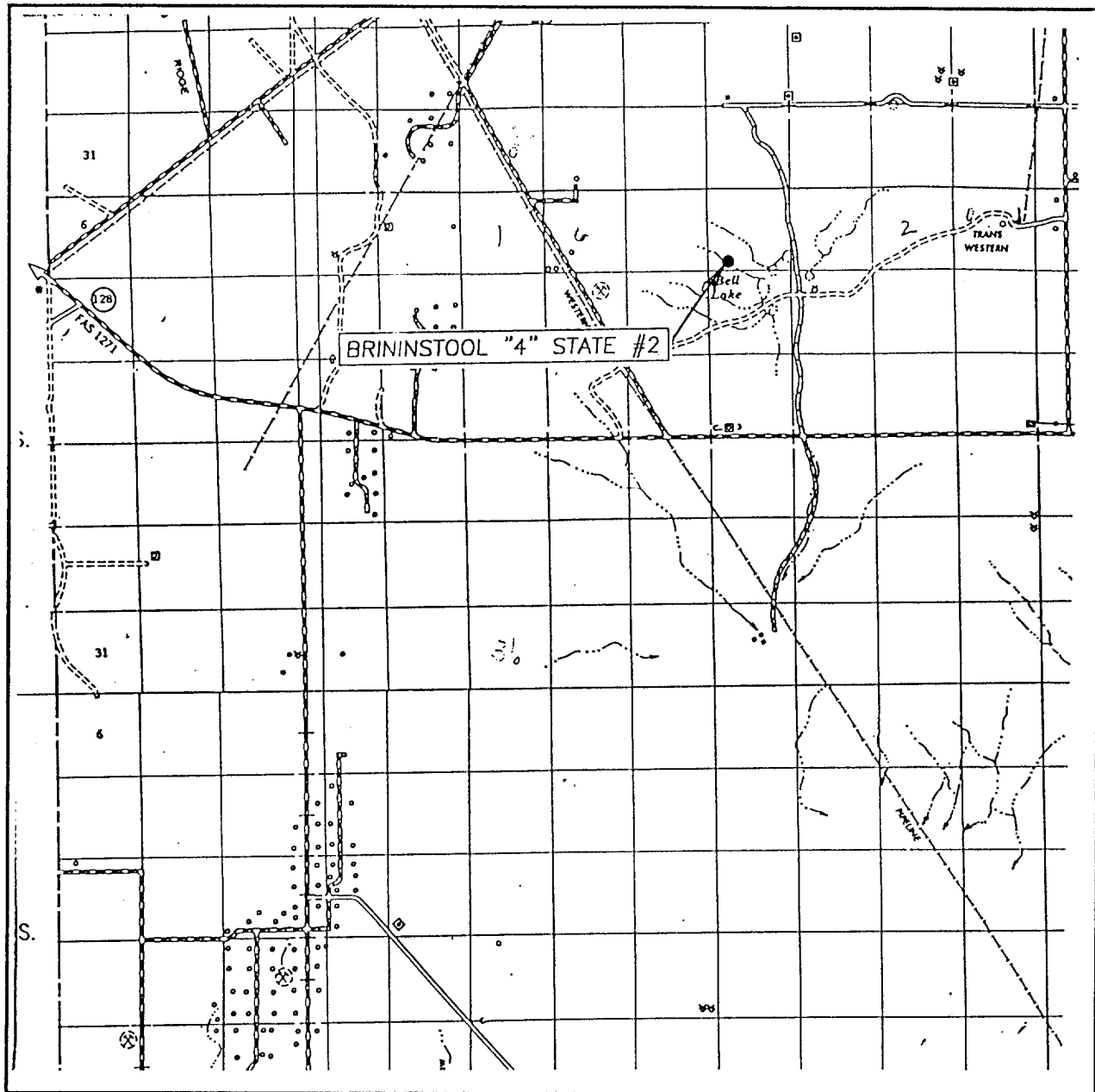
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
319.62			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Michael S. Daugherty</i>	Signature
MICHAEL S. DAUGHERTY	Printed Name
VICE PRESIDENT OPERATIONS	Title
8/24/01	Date
SURVEYOR CERTIFICATION	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
AUGUST 22, 2001	Date Surveyed
<i>Ronald J. Eidson</i>	Signature & Seal of Professional Surveyor
AWB	Professional Surveyor
8/23/01	Date
RONALD J. EIDSON	Certificate No.
3239	Professional Surveyor

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 4 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660' FSL & 1890' FWL

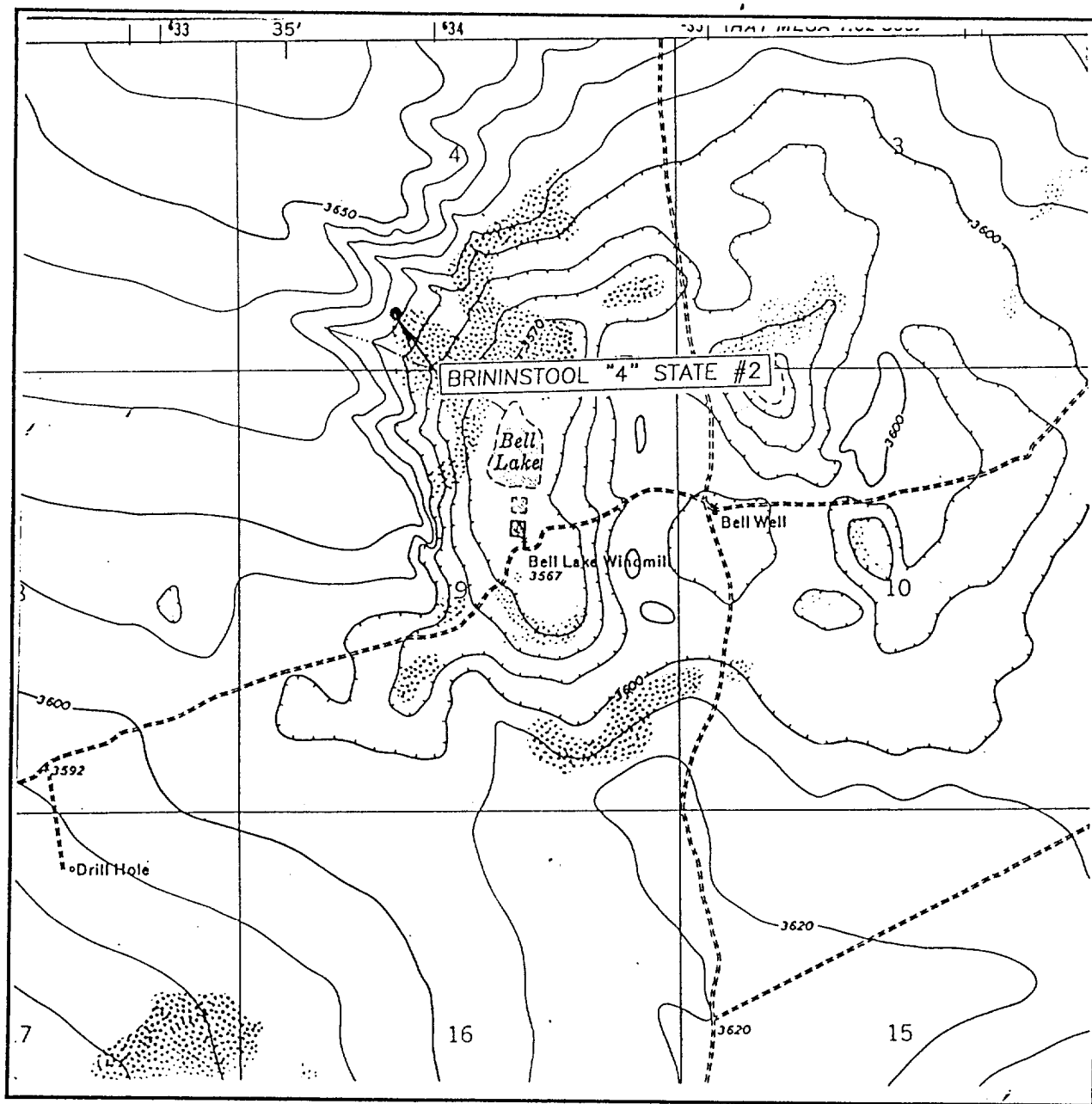
ELEVATION 3612'

OPERATOR MURCHISON OIL & GAS INC.

LEASE BRININSTOOL "4" STATE

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
BELL LAKE, N.M.

SEC. 4 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660' FSL & 1890' FWL

ELEVATION 3612'

OPERATOR MURCHISON OIL & GAS INC.

LEASE BRININSTOOL "4" STATE

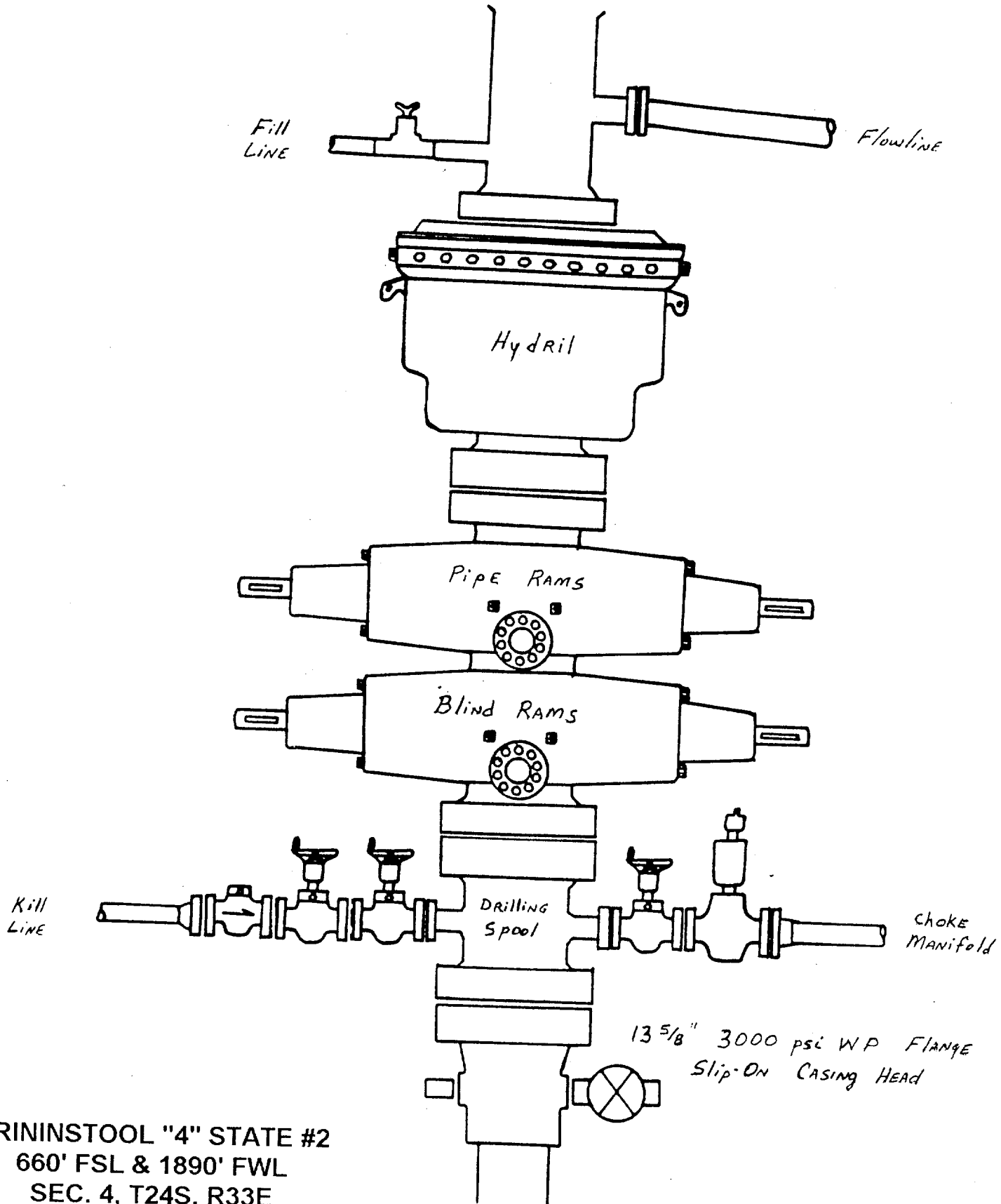
U.S.G.S. TOPOGRAPHIC MAP

BELL LAKE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

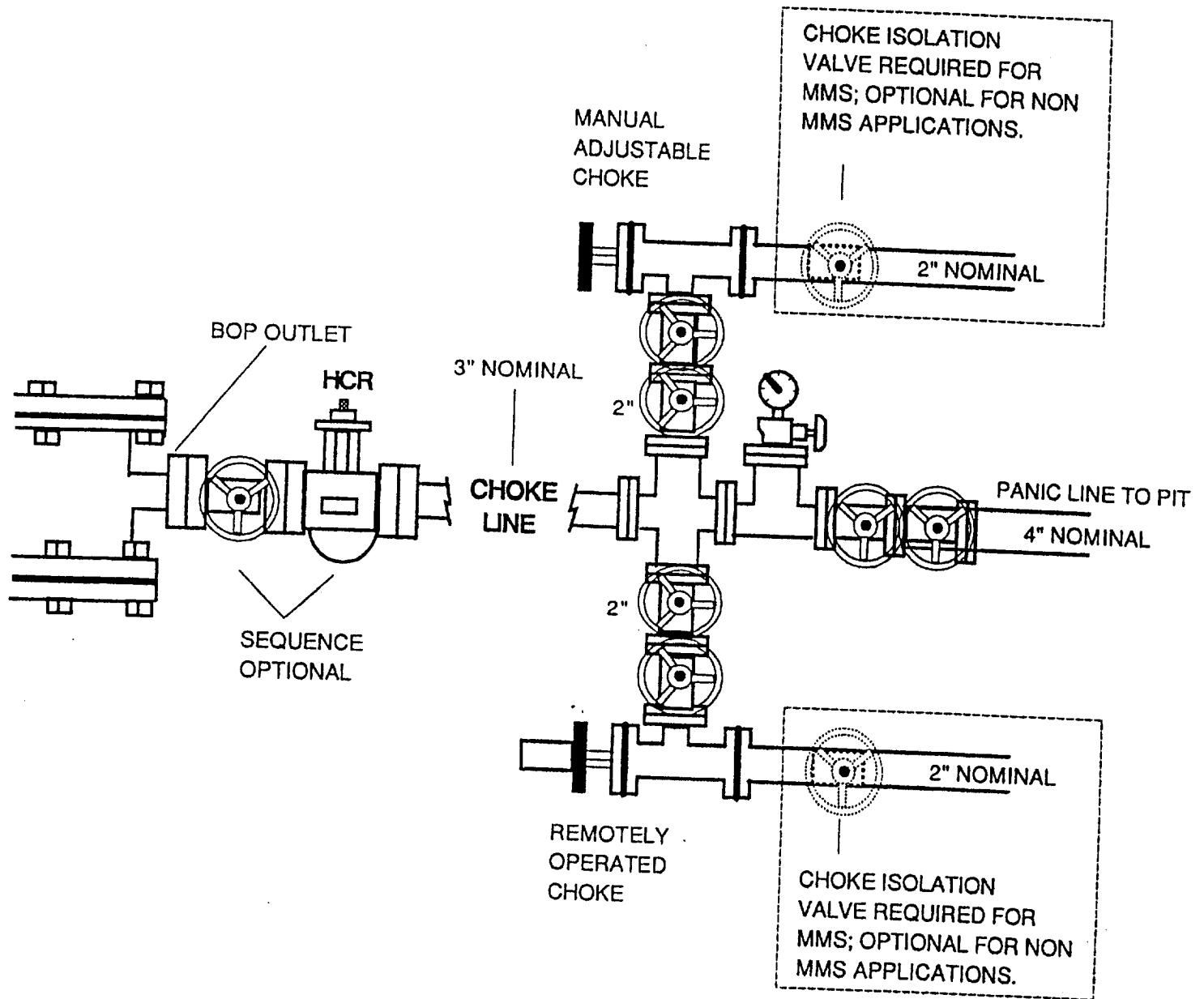
BRININSTOOL "4" STATE #2

5000 PSI SERVICE
BOP STACK



BRININSTOOL "4" STATE #2
660' FSL & 1890' FWL
SEC. 4, T24S, R33E
LEA CO., NM.

DRILLING OPERATIONS
CHOKE MANIFOLD
5M SERVICE



BRININSTOOL "4" STATE #2
660' FSL & 1890' FWL
SEC. 4, T24S, R33E
LEA CO., NM.

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

11/29/71

ELF